

**APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office SEP 26 1988

Returned to applicant for correction OCT 25 1988

Corrected application filed _____

Map filed NOV 17 1988 under 52571

The applicant Clark County Sanitation District

5857 E. Flamingo Road, of Las Vegas,
Street and No. or P.O. Box No. City or Town

Nevada 89122, hereby make^s application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Not Applicable (N.A.)

1. The source of the proposed appropriation is underground
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is up to 2.72 (4 wells at 305 gpm each) second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet N.A.

3. The water to be used for lowering of groundwater table to allow for annual cleaning
maintenance of wastewater surge ponds.
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated N.A.

(b) Stockwater, state number and kinds of animals to be watered N.A.

(c) Other use (describe fully under "No. 12. Remarks") See No. 12 Remarks

(d) Power:

(1) Horsepower developed N.A.

(2) Point of return of water to stream At points of diversion directly into Las Vegas Wash.

5. The water is to be diverted from its source at the following points: See Attachment A
Describe as being within a 40-acre subdivision of public

survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

6. Place of use The southwest 1/4 of the northeast 1/4 of Section 22, Township 21 South,
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
Range 62 East, M.D.B.&M, Clark County, Nevada

7. Use will begin about September 1st and end about March 31st, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Up to a maximum of eleven dewater wells.
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.
Pumped to lined channel, to Las Vegas Wash.

9. Estimated cost of works \$ 200,000.

10. Estimated time required to construct works two years
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use two years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

The dewatering will protect the structural integrity of the basins while they are being cleaned. This is a temporary groundwater withdrawal for about 7 months each year. Discharge will be by surface flow directly into Las Vegas Wash. All facilities, including wash is on Clark County/Clark County Sanitation District land. See Attachment B for estimate of annual volume of water pumped.

By s/J. Wren-Jarvis

Jim Wren-Jarvis

5857 E. Flamingo Road, Las Vegas, NV 89122

Compared bk/ mm pm/bc

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. This well shall be equipped with a two (2) inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water place to beneficial use. The totalizing meter must be installed before any use of water begins, or before the Proof of Completion of Work is filed. This source is located within an area designated located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 2.72 cubic feet per second, but not to exceed 910 acre-feet per season.

Work must be prosecuted with reasonable diligence and be completed on or before April 20, 1991

Proof of completion of work shall be filed on or before May 20, 1991

Application of water to beneficial use shall be made on or before April 20, 1994

Proof of the application of water to beneficial use shall be filed on or before May 20, 1994

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed _____ IN TESTIMONY WHEREOF, I PETER G. MORROS

State Engineer of Nevada, have hereunto set my hand and the seal of my

Proof of beneficial use filed _____ office, this 20th day of April

Cultural map filed _____ A.D. 19 89

Certificate No. _____ Issued _____

State Engineer

(0-53)4 (Rev.)

CANCELLED JUN 16 1993

BECAUSE OF FAILURE OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT

Richard J. Jennings P.E. STATE ENGINEER

(PERMIT TERMS CONTINUED)

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued under the provisions of NRS 534.120(2) as a preferred use.

This permit is issued subject to NRS 534.025. The State Engineer reserves the right to make a future determination if the water withdrawn under Permits 52571 and 52572 can be used for some other beneficial use.

The total combined duty of water under Permits 52571 and 52572 shall not exceed 910 acre-feet per season.



ATTACHMENT A

Application for Permit to Appropriate the Public Waters of
the State of Nevada

Series "A" Wells, Numbers: DW-3, DW-4, DW-5, DW-6

The water is to be diverted from its source at the following
points:

From Section Corner 16-15-21-22, to:

<u>Dewater Well Number</u>	<u>Bearing</u>	<u>Distance</u>	<i>SA 11-23-88 PER LTR 11-10-88</i>
DW-3	S65°12'59"E	3,090.66 FEET	
DW-4	S66°57'18"E	3,314.49 FEET	
DW-5	S68°28'18"E	3,540.75 FEET	
DW-6	S69°48'19"E	3,769.19 FEET	

all within the NW1/4 NE1/4 of Section 22, T.21S., R.62E,
M.D.B.&M., Clark County, Nevada.



ATTACHMENT B

Application for Permit to Appropriate the Public Waters of the State of Nevada.

Series "A" Wells, Numbers: DW-1 through DW-6

The following is an initial rough estimate of the annual volume of water to be discharged from the Series "A" wells. It is provided to fulfill a requirement that an estimate be given at the time of application. This Attachment B will be superseded by actual volume measurements after the wells are constructed.

Initial Volume to Lower Water Table:

Total Number of Pumping Wells (Designated DW-1 through DW-6)	=	6
Discharge Rate Per Well (gpm)	=	305
Discharge Rate, All Wells (gpm)	=	1,830
Discharge Volume, All Pumping Wells (acre-ft)	=	230

[1830 gpm X 4 weeks* X 10,080 min/week X 1 acre-ft/325,892 gal]

[*Based on empirical field data obtained by District.]

Volume to Maintain Height of Lowered Water Table:

Turn off 2 of the 6 wells.

Total Number of Pumping Wells	=	4
Discharge Rate Per Well (gpm)	=	305
Discharge Rate, All Wells (gpm)	=	1,220**

[**Based on empirical field data obtained for the District by the U.S. Geological Survey, reported 1-8-87.]

Time to Dewater Each Basin, Dry Out Basin Sludge and Remove Basin Contents (weeks)	=	9+
Number of Basins	=	2
Total Time (weeks)	=	18
Discharge Volume, All Pumping Wells (acre ft)	=	680

[1,220 gpm X 18 weeks X 10,080 min/week X 1 acre-ft/325,891 gal]

Annual Volume of Water to Be Discharged From Series "A" Wells:

= 230 acre ft. + 680 acre ft. = 910 acre ft.

